

## PATENT

GTSYS.006A

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Liang, et al. )  
App. No. : 09/836,436 )  
Filed : April 17, 2001 )  
For : FAST AND ENZYMELESS )  
CLONING OF NUCLEIC ACID )  
FRAGMENTS )  
Examiner : Unknown )

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and

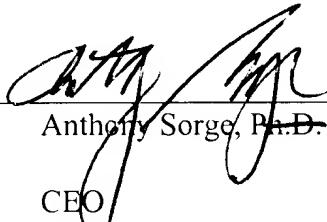
App. No. : 09/836,436  
Filed : April 17, 2001

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Gene Therapy Systems, Inc.

Dated: 8.20.01

By: 

Anthony Sorge, Ph.D.

Title: CEO

Address: 10190 Telesis Court  
San Diego, California 92121

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PATENT

Client Code: GTSYS.006A

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Application No.: 09/836,436  
Filing Date: April 17, 2001

ASSIGNMENT

WHEREAS, We, Xiaowu Liang, a United States citizen, residing at 5851 Desert View Drive, La Jolla, California 92037; Andy Teng, a United States citizen, residing at 9210 Longridge Way, San Diego, California 92126; Shizhong Chen, a Chinese citizen, residing at 11921 Carmel Creek Road, #A, San Diego, California 92130; Dongyuan Xia, a Chinese citizen, residing at 8643 Blanca Court, Powell, Ohio 43065; and Philip L. Felgner, a United States citizen, residing at 5412 Las Palomas, Rancho Santa Fe, California 92067, have invented certain new and useful improvements in a FAST AND ENZYMELESS CLONING OF NUCLEIC ACID FRAGMENTS for which we have filed an application for Letters Patent in the United States, Application No. 09/836,436, filed April 17, 2001;

AND WHEREAS, Gene Therapy Systems, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 10190 Telesis Court, San Diego, California 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7<sup>th</sup> day of August, 2001.



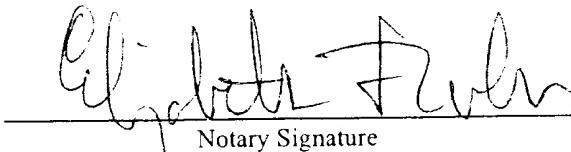
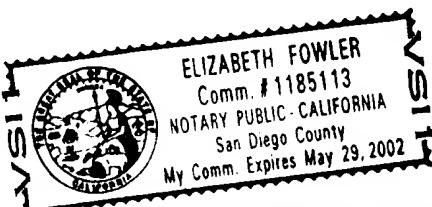
Xiaowu Liang

STATE OF California }  
COUNTY OF San Diego } ss.

On August 7, 2001, before me, Elizabeth Fowler, personally appeared Xiaowu Liang personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

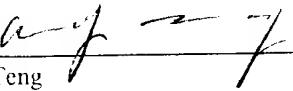


Elizabeth Fowler

Notary Signature

Application No.: 09/836,436

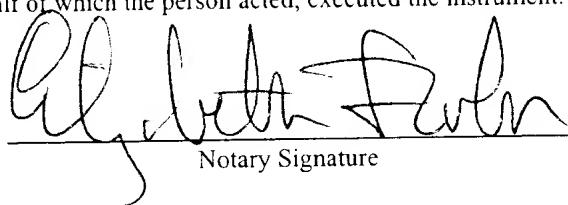
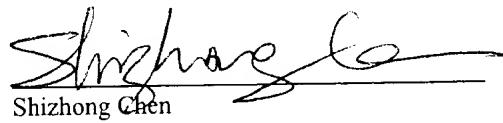
File Date: April 17, 2001

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20<sup>th</sup> day of August, 2001.  
Andy TengSTATE OF California }  
COUNTY OF San Diego } ss.

On August 20, 2001, before me, Elizabeth Fowler, personally appeared Andy Teng personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

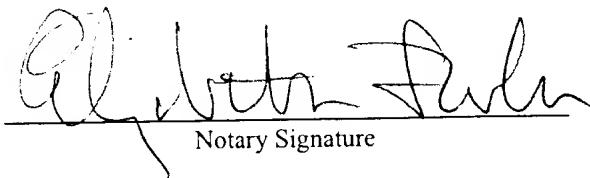
[SEAL]

  
Notary SignatureIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20 day of August, 2001.  
Shizhong ChenSTATE OF California }  
COUNTY OF San Diego } ss.

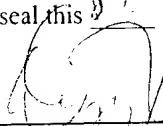
On August 20, 2001, before me, Elizabeth Fowler, personally appeared Shizhong Chen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of August, 2001.

  
Dongyuan Xia

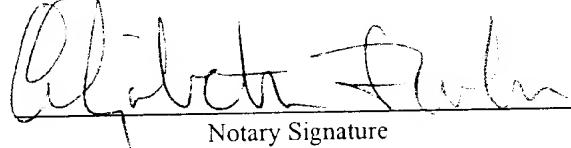
STATE OF California }  
COUNTY OF San Diego } ss.

On August 7, 2001, before me, Elizabeth Fowler, personally appeared Dongyuan Xia personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

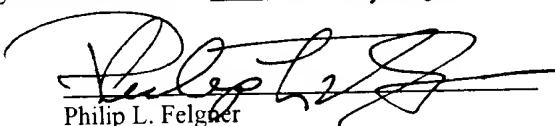
WITNESS my hand and official seal.

[SEAL]



  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of August, 2001.

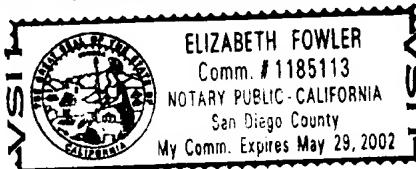
  
Philip L. Felgner

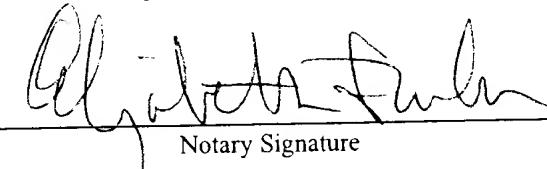
STATE OF California }  
COUNTY OF San Diego } ss.

On August 7, 2001, before me, Elizabeth Fowler, personally appeared Philip L. Felgner personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



  
Notary Signature